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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42

Date: 14/08/2021

: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Name : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

: EE(Project)/Ynk Zone/WO/163/2020-21

Reference : 09-08-21

Receipt : Lintel Beam Concrete - (Saptagiri Layout Kattigenhalli)

ID : 150X150X150 mm

Type/Size : M20 / 7 Days Compressive Strength

grade/Age : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

to BIS codes : 14/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	07/08/2021	14/08/2021	151.15 X 149.08 X 149.91	22533	**8.008**	406.3	18.0	18.2
2	Lintel Beam Concrete	M20	07/08/2021	14/08/2021	149.48 X 150.48 X 149.40	22494	**8.687**	413.1	18.4	
3	Lintel Beam Concrete	M20	07/08/2021	14/08/2021	150.67 X 151.14 X 150.70	22772	**8.572**	416.0	18.3	

The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL PRO Sig..... Date ..... BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 Date: 04/09/2021

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 09-08-21

Customer ID : Lintel Beam Concrete - (Saptagiri Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 04/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	07/08/2021	04/09/2021	150.29 X 151.05 X 149.87	22702	8.246	522.9	23.0	23.3
2	Lintel Beam Concrete	M20	07/08/2021	04/09/2021	149.58 X 151.28 X 151.64	22628	8.974	519.8	23.0	
3	Lintel Beam Concrete	M20	07/08/2021	04/09/2021	150.68 X 151.60 X 150.74	22843	8.116	547.4	24.0	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 19/08/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 14-08-21

Customer ID : Step Concrete - (Saptagiri Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 19/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	12/08/2021	19/08/2021	149.46 X 150.18 X 150.88	22445	**8.008**	420.8	18.7	18.5
2	Entrance step Concrete	M20	12/08/2021	19/08/2021	151.62 X 150.39 X 150.25	22802	**8.687**	414.4	18.2	
3	Entrance step Concrete	M20	12/08/2021	19/08/2021	149.69 X 151.62 X 150.28	22696	**8.572**	420.8	18.5	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
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Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 09/09/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 14-08-21

Customer ID : Step Concrete - (Saptagiri Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	12/08/2021	09/09/2021	151.06 X 150.04 X 150.77	22665	**8.246**	534.7	23.6	23.1
2	Entrance step Concrete	M20	12/08/2021	09/09/2021	150.45 X 150.20 X 152.00	22598	**8.974**	508.6	22.5	
3	Entrance step Concrete	M20	12/08/2021	09/09/2021	150.39 X 151.46 X 149.87	22779	**8.116**	526.1	23.1	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
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BBMP, Bangalore

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 23/08/2021**
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 18-08-21
Customer ID : Coping Concrete for SSM - (Muneshwara Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 23/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	16/08/2021	23/08/2021	150.33 X 150.65 X 150.50	22648	8.008	424.6	18.7	18.5
2	Coping Concrete for SSM	M20	16/08/2021	23/08/2021	149.05 X 150.04 X 149.71	22364	8.687	412.6	18.5	
3	Coping Concrete for SSM	M20	16/08/2021	23/08/2021	150.46 X 150.98 X 150.90	22717	8.572	417.1	18.4	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
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Testing Laboratory

1. [illegible]
2. Installation of RCC Pipes and Chipping Removals and Accessories in Road No.[illegible]
3. M/s Manikanth Kumar K R , [illegible], Vasantapura A V & Mandi, Ward No. [illegible], Vimpanchayatpura, Bangalore-[illegible]
4. [illegible]/Projects/Civil, Zone/WO/[illegible]/2020-21
5. 18.06.21
6. Casting Concrete for [illegible] (Shivashivam Layout Kathiguttahalli)
7. [illegible]
8. M20 (28 Days Compressive Strength
9. IS: 516 - 1959, Methods of Tests for Strength of Concrete CL3
10. [illegible]

Date: [illegible]

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
Casting Concrete for [illegible]	M20	16/06/2021	13/06/2021	150.11 X 149.27 X 149.16	22453	8.246	525.0	23.4	23.3
Casting Concrete for [illegible]	M20	16/06/2021	13/06/2021	149.19 X 150.64 X 149.51	22473	8.974	485.7	21.6	
Casting Concrete for [illegible]	M20	16/06/2021	13/06/2021	151.80 X 151.58 X 150.42	22963	8.318	544.1	23.7	

Test results obtained are satisfactory as per standard requirements.

Assistant Engineer
Project Division
Yelahanka Zone
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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6430@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 31/08/2021**
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 26-08-21
Customer ID : Plinth Beam Concrete - (Muneshwara Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 31/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	24/08/2021	31/08/2021	149.56 X 149.08 X 151.17	22296	**8.008**	408.5	18.3	18.4
2	Plinth Beam Concrete	M20	24/08/2021	31/08/2021	150.40 X 149.57 X 149.27	22495	**8.687**	416.4	18.5	
3	Plinth Beam Concrete	M20	24/08/2021	31/08/2021	149.92 X 150.31 X 149.90	22534	**8.572**	415.6	18.4	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Sig.....
Date.....

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 — Date: 21/09/2021

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 26-08-21

Customer ID : Plinth Beam Concrete - (Muneshwara Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 21/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	24/08/2021	21/09/2021	149.18 X 149.57 X 150.93	22313	8.246	529.6	23.7	23.4
2	Plinth Beam Concrete	M20	24/08/2021	21/09/2021	150.86 X 151.47 X 150.37	22850	8.974	522.8	22.9	
3	Plinth Beam Concrete	M20	24/08/2021	21/09/2021	149.03 X 150.80 X 151.35	22474	8.116	530.1	23.6	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BMP, Bangalore-97

Sig.....
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Authorized Signatory
Quality Manager

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M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 07/09/2021**
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 02-09-21
Customer ID : Lintel Beam Concrete - (Muneshwara Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 07/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	31/08/2021	07/09/2021	149.75 X 149.49 X 149.34	22385	**8.008**	409.6	18.3	18.4
2	Lintel Beam Concrete	M20	31/08/2021	07/09/2021	150.72 X 149.49 X 150.42	22532	**8.687**	414.6	18.4	
3	Lintel Beam Concrete	M20	31/08/2021	07/09/2021	149.83 X 151.70 X 151.89	22729	**8.572**	418.2	18.4	

* The results obtained are satisfactory as per standard requirements.

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Project Division
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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/09/2021

Lab ID : CP-2021-11-20-42

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 02-09-21

Customer ID : Lintel Beam Concrete - (Muneshwara Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 28/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Lintel Beam Concrete	M20	31/08/2021	28/09/2021	150.28 X 151.09 X 150.32	22705	8.246	529.5	23.3	22.9
2	Lintel Beam Concrete	M20	31/08/2021	28/09/2021	150.52 X 151.05 X 149.45	22737	8.974	509.7	22.4	
3	Lintel Beam Concrete	M20	31/08/2021	28/09/2021	149.84 X 151.17 X 151.38	22651	8.116	521.8	23.0	

* The results obtained are satisfactory as per standard requirements.

Asst. Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Sig.....
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 14/09/2021

Lab ID : CP-2021-11-20-42
Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05
Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97
Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21
Date of Receipt : 09-09-21
Customer ID : Step Concrete - (Muneshwara Layout Kattigenhalli)
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 14/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	07/09/2021	14/09/2021	149.34 X 149.69 X 151.64	22354	8.008	421.5	18.9	18.6
2	Entrance step Concrete	M20	07/09/2021	14/09/2021	150.12 X 151.26 X 151.97	22708	8.687	426.7	18.8	
3	Entrance step Concrete	M20	07/09/2021	14/09/2021	150.87 X 150.52 X 150.38	22708	8.572	412.4	18.2	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
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BBMP, Bangalore-92

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2021-11-20-42** **Date: 05/10/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 09-09-21

Customer ID : Step Concrete - (Muneshwara Layout Kattigenhalli)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Entrance step Concrete	M20	07/09/2021	05/10/2021	150.22 X 149.24 X 149.79	22419	**8.246**	529.7	23.6	23.1
2	Entrance step Concrete	M20	07/09/2021	05/10/2021	150.53 X 149.35 X 150.97	22481	**8.974**	505.3	22.5	
3	Entrance step Concrete	M20	07/09/2021	05/10/2021	149.55 X 150.74 X 150.88	22544	**8.116**	523.8	23.2	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka
BBMP, Bangalore - 92

Sig.....
Date.....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorised Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2021-11-20-42 **Date: 18/09/2021**

Project Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Agency : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Customer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

Date of Receipt : 13-09-21

Customer ID : Coping Concrete for SSM - (Defence Colony Vinayak Nagara)

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	11/09/2021	18/09/2021	149.18 X 149.56 X 150.90	22312	8.008	410.1	18.4	18.2
2	Coping Concrete for SSM	M20	11/09/2021	18/09/2021	149.29 X 151.99 X 151.61	22691	8.687	409.6	18.1	
3	Coping Concrete for SSM	M20	11/09/2021	18/09/2021	149.88 X 150.23 X 149.69	22516	8.572	410.8	18.2	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

CIVIL PRO Sig..... Date..... BANGALORE

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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

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****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 **Date: 09/10/2021**

: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

: EE(Project)/Ynk Zone/WO/163/2020-21

: 13-09-21

: Coping Concrete for SSM - (Defence Colony Vinayak Nagara)

: 150X150X150 mm

: M20 / 28 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 09/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Coping Concrete for SSM	M20	11/09/2021	09/10/2021	151.34 X 150.42 X 151.49	22765	**8.246**	533.2	23.4	22.9
2	Coping Concrete for SSM	M20	11/09/2021	09/10/2021	150.90 X 149.91 X 150.81	22621	**8.974**	500.4	22.1	
3	Coping Concrete for SSM	M20	11/09/2021	09/10/2021	150.58 X 150.67 X 149.02	22688	**8.116**	523.6	23.1	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

CIVIL PRO BANGALORE
Sig.....
Date.....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42

Date: 25/09/2021

: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

: EE(Project)/Ynk Zone/WO/163/2020-21

: 20-09-21

: Plinth Beam Concrete - (Defence Colony Vinayak Nagara)

: 150X150X150 mm

: M20 / 7 Days Compressive Strength

: IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5

: 25/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	18/09/2021	25/09/2021	149.49 X 149.52 X 151.44	22353	**8.008**	405.2	18.1	18.2
2	Plinth Beam Concrete	M20	18/09/2021	25/09/2021	149.85 X 151.57 X 149.79	22712	**8.687**	411.9	18.1	
3	Plinth Beam Concrete	M20	18/09/2021	25/09/2021	151.68 X 150.75 X 150.86	22866	**8.572**	421.7	18.4	

* The results obtained are satisfactory as per standard requirements.

Assistant Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

CIVIL PRO BANGALORE Sig..... Date.....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 **Date: 16/10/2021**

: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Name : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

of Receipt : 20-09-21

ner ID : Plinth Beam Concrete - (Defence Colony Vinayak Nagara)

ple Type /Size : 150X150X150 mm

ple grade/Age : M20 / 28 Days Compressive Strength

rence to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

of test : 16/10/2021

S. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M20	18/09/2021	16/10/2021	150.92 X 150.89 X 151.96	22772	**8.246**	527.1	23.1	23.3
2	Plinth Beam Concrete	M20	18/09/2021	16/10/2021	149.64 X 149.51 X 151.94	22371	**8.974**	513.1	22.9	
3	Plinth Beam Concrete	M20	18/09/2021	16/10/2021	149.65 X 151.20 X 149.94	22627	**8.116**	540.2	23.9	

* The results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

CIVIL PRO BANGALORE
Sig.....
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R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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[illegible]

TEST REPORT OF CEMENT CONCRETE CUBES

[illegible]	:	[illegible]
[illegible]	:	Installation of RO Plant and Drilling Borewells and Accessories in Wind No [illegible]
[illegible]	:	[illegible]
[illegible] Reference	:	[illegible]
[illegible] of Receipt	:	[illegible]
[illegible] ID	:	Lintel Beam Concrete - (Defence Colony Vinayak Nagara)
[illegible] Type/Size	:	150X150X150 mm
[illegible] grade/Age	:	M20 / 7 Days Compressive Strength
[illegible] to BIS codes	:	IS 516 - 1959 Methods of Tests for Strength of Concrete [illegible]
[illegible] of Test	:	[illegible]

S. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq mm)	Weight of the sample (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Average Compressive Strength (N/mm²)
1	Lintel Beam Concrete	M20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	Lintel Beam Concrete	M20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
3	Lintel Beam Concrete	M20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

* The results obtained are satisfactory as per standard requirements.

Asst. [illegible]

[illegible]

[illegible]

[illegible]

M : 9972924526 | Tel : +91 80 23444801 | [illegible]

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

ID : CP-2021-11-20-42

ect Name : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

Date: 21/10/2021

ncy : Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

omer's Reference : EE(Project)/Ynk Zone/WO/163/2020-21

of Receipt : 25-09-21

omer ID : Lintel Beam Concrete - (Defence Colony Vinayak Nagara)

ple Type /Size : 150X150X150 mm

ple grade/Age : M20 / 28 Days Compressive Strength

rence to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

of test : 21/10/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Lintel Beam Concrete	M20	23/09/2021	21/10/2021	149.74 X 151.26 X 151.00	22650	**8.246**	528.9	23.4	22.9
Lintel Beam Concrete	M20	23/09/2021	21/10/2021	151.75 X 149.84 X 151.47	22739	**8.974**	501.4	22.1	
Lintel Beam Concrete	M20	23/09/2021	21/10/2021	150.62 X 149.59 X 149.47	22531	**8.116**	526.0	23.3	

he results obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore

CIVIL PRO BANGALORE
Sig.....
Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42

Date: 06/10/2021

ne : Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

Reference : EE(Project)/Ynk Zone/WO/163/2020-21

eipt : 01-10-21

D : Step Concrete - (Defence Colony Vinayak Nagara)

pe /Size : 150X150X150 mm

de/Age : M20 / 7 Days Compressive Strength

to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

t : 06/10/2021

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Entrance step Concrete	M20	29/09/2021	06/10/2021	151.96 X 151.25 X 151.78	22983	**8.008**	416.3	18.1	18.4
Entrance step Concrete	M20	29/09/2021	06/10/2021	149.86 X 151.83 X 151.82	22753	**8.687**	424.4	18.7	
Entrance step Concrete	M20	29/09/2021	06/10/2021	150.36 X 150.13 X 149.29	22573	**8.572**	413.0	18.3	

lts obtained are satisfactory as per standard requirements.

Asst. Executive Engineer
Project Division
Yelanka Zone
BBMP, Bangalore - 92

CIVIL PRO Sig..... Date.....

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2021-11-20-42 **Date: 27/10/2021**

: Installation of RO Plant and Drilling Borewells and Accessories in Ward No.05

: Sri.Santhosh Kumar K R , #04, Samrudhi A V R Block, 1st A main, Virupakshapura, Bangalore-97

eference : EE/Project3/Ynk Zone/WO/163/2020-21

t : 01-10-21

: Step Concrete - (Defence Colony Vinayak Nagara)

Size : 150X150X150 mm

/Age : M20 / 28 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5

: 27/10/2021

ntification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
rance step Concrete	M20	29/09/2021	27/10/2021	149.82 X 150.63 X 151.62	22568	8.246	540.9	24.0	23.3
rance step Concrete	M20	29/09/2021	27/10/2021	151.46 X 151.98 X 149.32	23020	8.974	516.1	22.4	
rance step Concrete	M20	29/09/2021	27/10/2021	149.41 X 150.02 X 149.83	22415	8.116	529.1	23.6	

obtained are satisfactory as per standard requirements.

Asst. Engineer
Yelahanka Zone
BBMP, Bangalore - 92

CIVIL PRO BANGALORE
Sig.....
Date.....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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